



## 2024 Annual Meeting

February 12-16, San Francisco, California

### Monday, February 12

#### 001-012: VIPER (Sports Medicine I Papers)

8:00 AM - 9:30 AM • West, Room 2007

9:02 AM - 9:06 AM

**010: Evaluating Disparities in Access to Surgical Management for Symptomatic Rotator Cuff Tears: A National Database Study**

BS Siddiq, CT Eberlin, K Torabian, MS; Kieran Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

#### Symposium B (Practice Management/Rehabilitation)

The Pros and Cons of Gain-Sharing between Hospitals and Orthopaedic Surgeons – Is the Juice Worth the Squeeze?

8:00 AM - 9:30 AM • South, Esplanade Ballroom 153

**Potential Gains from and Barriers to Aligning Interests between Hospitals and Orthopaedic Surgeons**

JP Warner

#### 122: ICL 1.5-Hour (Basic Research)

**Cannabinoids and Orthopaedic Surgery: What We Know and Future Directions**

11:00 AM - 12:30 PM • West, Room 3014

Moderator: H Fogel

#### 128: ICL 1.5-Hour (Shoulder & Elbow)

The Scapula: The Greater Masquerader of Shoulder Pathologies

11:00 AM - 12:30 PM • West, Room 2002

**Scapulothoracic Abnormal Motion: How to Recognize, Evaluate, and Treat this Pathology**  
BT Elhassan

**History of Scapular Disorders & Treatment Evolution**  
JP Warner

#### 037-048: VIPER: Musculoskeletal Oncology I Papers

11:00 AM - 12:30 PM • South, Esplanade Ballroom 153

11:00 AM - 11:04 AM

**037: Pediatric Axial Ewing Sarcoma: A Retrospective Population-Based Survival Analysis**

A Didier, BA Hoffman, C Sanford, SA Lozano Calderon

11:37 AM - 11:41 AM

**043: Systemic Therapy in Metastatic Long-Bone Disease: How do Treatment Patterns Influence Survival Prediction by the Skeletal Oncology Research Group Algorithm?**

JN Doornberg, J Hendriks, JH Schwab, MR Shimizu, OQ Groot, PC Jutte, SA Lozano Calderon, TM De Groot

11:41 AM - 11:45 AM

**044: An External Validation of the Pathologic Fracture Morbidity Index**

AS Levin, A Sodhi, JO Werenski, M Su, MJ Clunk, N Bell; OQ Groot, R Krueger; SA Lozano Calderon

#### 061-072: VIPER (Practice Management/Rehab I Papers)

1:30 PM - 3:00 PM • West, Room 2001

2:04 PM - 2:08 PM

**068: Trends in Billing Practices of Revision Total Hip and Knee Joint Arthroplasty: A Medicare Part B Claims Data Study from 2017-2021**

A Buddhiraju, H Seo, J Ho Gong, MR Shimizu, M Rezazadehsaatlou, Shane C, T Lin-Wei Chen, YM Kwon

#### 147: ICL 1.5-Hour (Spine)

**Avoiding Pitfalls in Adult Spinal Deformity**

1:30 PM - 3:00 PM • South, Room 201

Moderator: S Hershman

## SD2 Showdowns (Sports Medicine)

### Showdowns: Patellar Instability

3:30 PM - 4:30 PM • West, Room 2020

MJ Tanaka

## 401-408: VIPER (Shoulder and Elbow IV Papers)

3:30 PM - 4:30 PM • West, Room 2001

3:30 PM - 3:34 PM

### 401: Watchful Waiting Achieves Higher Value than Physical Therapy for the Treatment of Idiopathic Frozen Shoulder: A Prospective Randomized Controlled Trial

BS Siddiq, CT Eberlin, M Nazal, MC Dean, MP Kucharik, NJ Cherian, PF Abraham, SD Martin, S Gillinov, W Conway

## Tuesday, February 13

### 209: ICL 1.5-Hour (Practice Management/Rehabilitation)

#### When the Physician Becomes the Patient:

#### Considerations for Work, Life, and Leadership

8:00 AM - 9:30 AM • West, Room 3014

Moderator: MJ Tanaka

#### What are the Departmental/Employer Considerations when a Physician or Staff Member has a Medical Issue and the Resources that are Available for them

C Bono

## 097-108: VIPER (Trauma II Papers)

11:00 AM - 12:30 PM • West, Room 2020

11:04 AM - 11:08 AM

### 098: Low-Dose Short-Term Scheduled Ketorolac Reduces Opioid Use and Pain in Orthopaedic Polytrauma Patients: A Randomized Clinical Trial

A Aneja, CR Sneed, D Kinchelow, DC Landy, GS Hawk, JT Griffin, JA Foster, MW Kavolus, RW Pectol

## 109-120 and 503: VIPER (Shoulder and Elbow I Papers)

1:30 PM - 3:00 PM • South, Esplanade Ballroom 155

2:03 PM - 2:07 PM

### 114: A Preoperative Risk Assessment Tool for Predicting Hospital Readmission or Adverse Postoperative Outcomes among Shoulder Arthroplasty Patients

A Khan, APBDS Etges, AD Armstrong, CJ Fedorka, D Haas, ER Wagner, E O'Donnell, H Liuj Kirsch, JM Woodmass, JE Simon, JG Costouros, JP Warner, JA Abboud, MJ Best, MB Gottschalk, M Fares, P Jones, U Srikumaran, X Zhang

1:30 PM - 1:34 PM

### 109: Pretreatment of the Pilosebaceous Unit Decreases Cutibacterium Acnes Burden during Shoulder Arthroplasty

A Posner, DM Dines, I Hutchinson, JS Dines, J Zimmerman, JI Mathew, LW Gulotta, M Fu

## Wednesday, February 14

### 309: ICL 1.5-Hour (Shoulder and Elbow)

#### Emerging Treatment Options for Massive Rotator Cuff Tears

8:00 AM - 9:30 AM • West, Room 3001

BT Elhassan

## 181-192: VIPER (Adult Reconstruction Hip II Papers)

11:00 AM - 12:30 PM • West, Room 2007

11:12 AM - 11:16 AM

### 184: Does Surgical Approach Affect Outcomes after Hemiarthroplasty for Femoral Neck Fractures?

AQ Cao; BM Stronach, B Boyd, B Blackburn, BD Crist, C Gusho, CM Melnic, D Sing, E Bhanat, ES Ghanem, EM Jordan, EN Hansen, GW Stayer, G McGwin, GJ Dekeyser, JA Keeney, J Frandsen, JB Stambough, J Gililand, JW Mueller, K Niknam, K Cichos, L Anderson, MA Sauer, ME Almand, M Ewing, M O'Malley, PF Bergin, S Mears, S Patel

## 169-180: VIPER (Sports Medicine II Papers)

11:00 AM - 12:30 PM • West, Room 2001

12:06 PM - 12:10 PM

### 179: Bone Marrow Aspirate Concentrate is Associated with Greater Improvements in Functional Outcomes in Patients with Chondrolabral Junction Breakdown: A Case-Control Study

BS Siddiq, K Torabian, K Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

## 217-228: VIPER (Adult Reconstruction Hip III Papers)

1:30 PM - 3:00 PM • West, Room 2001

2:03 PM - 2:07 PM

### 222: Minimum 10-Year Follow Up of Vitamin-E Diffused and Highly Crosslinked Polyethylene Liners in Total Hip Arthroplasty: Comparative Evaluation from a Prospective, International, Multicenter Study of 977 Patients

AZ Blackburn, A Troelsen, A Prasad, AK Collins, CM Nepple, CM Melnic, C Wixted, HS Bedair, H Malchau, JI Huddleston, MB Laursen, N Sauder, OK Muratoglu

229-240: VIPER (Hand and Wrist I Papers)

1:30 PM - 3:00 PM • West, Room 2020

1:59 PM - 2:03 PM

**233: Using Drawing to Evaluate Functionality in Patients with Hand and Wrist Pathology**

A Bhashyam, CL Laane, J Chandra, M Stam, NC Chen, NF Yu, OY Shen, Z Shang

## Thursday, February 15

277-288: VIPER (Hand and Wrist II Papers)

8:00 AM - 9:30 AM • South, Esplanade Ballroom 153

8:58 AM - 9:02 AM

**285: Etiology of Extensor Pollicis Longus Ruptures after Distal Radius Fracture Fixation Using a Volar Plate**

A Bhashyam, A Dijkmans, CL Laane, CJ Messinger, M Wijffels, NC Chen

407: ICL 1.5-Hour (Musculoskeletal Oncology)

**If You Don't Ask, You Don't Get: When to Ask for Help from Plastic Surgeons in Orthopaedic Oncology and Traumatology**

8:00 AM - 9:30 AM • West, Room 3014

Moderator: E Newman

**Considerations and Outcomes in Staged Soft Tissue Sarcoma Resection and Free Flap Reconstruction; Soft Tissue Management and Coverage Options in Megaprosthesis and Revision Arthroplasty Surgery**

SA Lozano Calderon

313-324: VIPER (Foot and Ankle II Papers)

11:00 AM - 12:30 PM • South, Room 210

11:12 AM - 11:16 AM

**316: Talar Neck Fractures with Associated Ipsilateral Foot and Ankle Fractures Have a Higher Risk of Avascular Necrosis**

A Srinath, A Aneja, CR Sierra, C Mechas, D Kinchelov, JT Griffin, JA Foster, M Nazal

289-300: VIPER (Adult Reconstruction Hip IV Papers)

11:00 AM - 12:30 PM • South, Esplanade Ballroom 155

11:08 AM - 11:12 AM

**291: Acetabular Distraction Technique for the Treatment of Chronic Pelvic Discontinuity: A Multicenter Study with Minimum 2-Year Radiographic Follow Up**

CM Melnic, C Baker, G Minutillo, HS Bedair, MS Salimy, NP Sheth, PM Courtney, RA Burnett, SF Schundler, SM Sporer, WG Paprosky

157-168: VIPER (Musculoskeletal Oncology II Papers)

11:00 AM - 12:30 PM • West, Room 3000

11:33 AM - 11:37 AM

**162: Debridement, Antibiotics, and Implant Retention plus in Oncologic Megaprosthesis Prosthetic Joint Infections: Similar Treatment Success Rate to Two-Stage Revision at 2 and 5 Years after Index Surgery**

A Bedi, DC Karczewski, ET Newman, JP Te Velde, JI Acosta, KA Raskin, MR Gonzalez, MJ Clunk, SA Lozano Calderon

11:37 AM - 11:41 AM

**163: Dual Mobility for Oncological Hip Recon: Significantly Reduced Dislocation Rates at 5 Years**

A Bedi, DC Karczewski, ET Newman, KA Raskin, MR Gonzalez, ME Anderson, SA Lozano Calderon

12:10 PM - 12:14 PM

**168: Wound VAC Temporization after Tumor Resection of Soft Tissue Sarcomas – A Cost Analysis in a Propensity-Score Matched Population**

AS Morse, JO Werenski, MR Gonzalez, M Fourman, SA Lozano Calderon, TM De Groot

349-360: VIPER (Sports Medicine IV Papers)

1:30 PM - 3:00 PM • South, Esplanade Ballroom 155

Moderators: M Tanaka, R Ryu

445: ICL 1.5-Hour (Musculoskeletal Oncology)

**Advances in Surgical Planning and Reconstruction Options of the Shoulder Girdle after Oncologic Resection**

1:30 PM - 3:00 PM • South, Esplanade Ballroom 152

**Scapular Reconstruction: When, Why, and How?**

B Elhassan

441-448: VIPER (Trauma V Papers)

3:30 PM - 4:30 PM • South, Esplanade Ballroom 155

3:59 PM - 4:03 PM

**445: Outcomes in Hip Fracture Surg in Patients Receiving Direct Oral Anticoag: Should We Delay?**

DT Brameier, EH Tischler, M McTague, MJ Weaver, MB Harris, N Suneja, PT Appleton, T Ottesen

CD7: Career Development

**Innovation and Entrepreneurship in Orthopaedics**

3:30 PM - 4:30 PM • West, Room 3016

OK Muratoglu

457-464: VIPER (Shoulder and Elbow V Papers)

3:30 PM - 4:30 PM • West, Room 2007

4:11 PM - 4:15 PM

**464: Ligament Contribution to Patterns of  
Complex Articular Fractures of the Olecranon**

A Bhashyam, A Arvind, CS Mudgal, CL Laane,  
HH De Klerk, R Garg

## Specialty Day Presentations Friday, February 16

American Orthopaedic Society of Sports Medicine (AOSSM) & American Shoulder & Elbow Surgeons (ASES) Combined Session  
7:00 AM - 1:30 PM • South, Esplanade Ballroom 155

1:10 PM – 1:30PM

**Combined Session Panel Discussion with Cases:  
What would you do with ambiguous cases.**

AA Romeo, BT Elhassan, JC Patzkowski, JY Bishop, MT Freehill, RU Hartzler, SF Brockmeier

American Shoulder & Elbow Surgeons (ASES)  
7:00 AM - 1:30 PM • South, Room 210

9:35 AM - 9:45 AM

**Invited Talk - Artificial Intelligence: The  
Ultimate Disruptive Technology in Orthopaedic  
Surgery**

JP Warner

9:45 AM - 10:10 AM

**Case-Based Panel Discussion**

A Miniaci, EV Cheung, JP Warner, JA Abboud,  
MA Frankle, P Lapner

Arthroscopy Association of North America (AANA)/  
International Society of Arthroscopy, Knee Surgery and  
Orthopaedic Medicine (ISAKOS)  
7:00 AM - 1:50 PM • South, Room 304

**65-Year-Old Female With Atraumatic Massive  
Cuff Tear With Pseudoparalysis: Lower Trap  
Transfer is the Way, Let Me Show You**

8:33 AM - 8:37 AM

BT Elhassan

**Introduction**

11:25 AM - 11:27 AM

D Figueroa, MJ Tanaka

American Association of Hip & Knee Surgeons (AAHKS)  
8:00 AM - 4:00 PM • West, Room 2001

**SESSION IV: What Do You Do For This?**

10:15 AM - 10:55 AM

HS Bedair, RW McCalden

Orthopaedic Trauma Association (OTA)/American  
Orthopaedic Foot & Ankle Society (AOFAS)  
8:00 AM - 4:00 PM • West, Room 2020

9:35 AM - 9:45 AM

**Lisfranc - Fix It**

A Aneja

10:45 AM - 10:55 AM

**Functional Outcomes of Primary Arthrodesis  
(PA) versus Open Reduction and Internal  
Fixation (ORIF) in the Treatment of Lisfranc  
Injuries**

A Srinath, A Aneja, AY Albano, AN Dawson, CR  
Sneed, MW Kavolus, RW Pectol, TD Kalbac, ZT  
Gal

2:40 PM - 2:46 PM

**Low-Dose Short-Term Scheduled Ketorolac  
Reduces Opioid Use and Pain in Orthopaedic  
Polytrauma Patients: A Randomized Clinical  
Trial**

A Anjea

Orthopaedic Video Theater  
OrthoLive, West Hall  
Monday, February 12 • 7:00 AM – 5:00 PM

OVT117-OVT143: Sports Medicine

**OVT134: Harvest and Application of Bone Marrow Aspirate Concentrate to Address Acetabular Chondral Damage During Hip Arthroscopy**

C Eberlin, K Torabian, K Dowley, MC Dean, MP Kucharik, NJ Cherian, SD Martin

**OVT141: Intraoperative Stretching Release of Chronic, Complete Proximal Hamstring Tendon Avulsions With Extended Retraction**

C Eberlin, K Torabian, MP Kucharik, NJ Cherian, SD Martin

## ePosters: Monday

### Adult Reconstruction Hip ePosters

Program Number: e057

**Time to Achieve the Minimal Clinically Important Difference in Primary Total Hip Arthroplasty: Comparison of Anterior and Posterior Surgical Approaches**

AF Chen, A Paschalidis; CM Melnic, HS Bedair, JA Dunahoe, K Alpaugh, MS Salimy, BS

### Musculoskeletal Oncology ePosters

Program Number: e240

**Neoplastic Pathologic Fractures are Associated with a Higher Risk of Postoperative Bleeding and Thromboembolic Events – A National Surgical Quality Improvement Program Database Study of 132,923 Patients**

A Bedi, DC Karczewski, H Denwood, MR Gonzalez, SA Lozano Calderon

Program Number: e243

**Patient-Reported Outcomes after Intramedullary Nailing of Oncologic Impending or Pathologic Fractures with Carbon Fiber or Titanium Implants**

A Sodhi, CS Kim, JH Schwab, MR Gonzalez, RF Xu, SA Lozano Calderon, TM De Groot, V Fang

Program Number: e245

**Same Day Surgery Results in Shorter Hospital Stay, Favorable Discharge Disposition, and Less Complications in Patients with Extremity Metastatic Disease**

AR Lucaciu, A Bedi, JP Te Velde, JH Schwab, KA Raskin, OQ Groot, PC Jutte, SA Lozano Calderon, TM De Groot

Program Number: e248

**Does Adding Calcium Sulfate Beads Lead to Higher Treatment Success Rates? A Study of 55 Patients with Oncologic Megaprosthesis Prosthetic Joint Infections**

ET Newman, HP Kang, JO Werenski, KA Raskin, MR Gonzalez, SA Lozano Calderon

Program Number: e252

**Does Wound Vacuum-Assisted Closure Temporization Offer Similar Patient-Perceived Health and Functional Status as Single-Stage Excision after Sarcoma Resection?**

JO Werenski, MR Gonzalez, M Fourman, SA Lozano Calderon, YP Hung

Program Number: e253

**Development and External Validation of Machine Learning Algorithms for Survival Prediction in Undifferentiated Pleomorphic Sarcoma**

A Bedi, JN Doornberg, JH Schwab, MR Gonzalez, SA Lozano Calderon, TM De Groot

### Practice Management/Rehabilitation ePosters

Program Number: e311

**Trends in the Adoption of Outpatient Joint Arthroplasties and Patient Risk during 2019-2021**

A Khan, APBDS Etges, AD Armstrong, CJ Fedorka, D Haas, E O'Donnell, H Liu, J Kirsch, JE Simon, JG Costouros, JP Warner, JA Abboud, MJ Best, MB Gottschalk, M Fares, P Jones, U Srikumaran, X Zhang

Program Number: e318

**Labral Management Technique and Operating Surgeon Drive Costs for Hip Arthroscopy: A Time-Driven Activity-Based Costing Analysis**

APBDS Etges, BS Siddiq, CT Eberlin, J Lee, K Torabian, K Dowley, MJ Best, MC Dean, NJ Cherian, SD Martin, S Gillinov; ZL Laporte

Program Number: e334

**Preoperative Weight Loss before Total Joint Arthroplasty Using a Remote Dietitian and Mobile App: A Multicenter Randomized Control Trial**

AF Chen, CM Melnic, HS Bedair, JK Lange, JE Ready, MP Jamison, MW Seward, R Iorio, VM Shah

Program Number: e335

**ChatGPT and Orthopaedic Surgery: Assessing the Readability and Accuracy**

A Bhashyam, JS Pratap, NC Chen, OYJ Shen, X Li

Program Number: e350

**A Network Analysis Approach to Understanding Medical Claims by ChatGPT: Where is the Information Coming From?**

A Bhashyam, JS Pratap, NC Chen, OYJ Shen, X Li

Program Number: e356

**Artificial Intelligence in Orthopaedic Surgery: Can a Large Language Model Write a Believable Orthopaedic Journal Article?**

A Bhashyam, A Alnasser, AG Von Keudell, DT Brameier, J Carnino, MJ Weaver



## Shoulder and Elbow ePosters

Program Number: e426

Anterior Latissimus Dorsi Transfer for Irreparable Subscapularis Deficiency Restores the Anteroposterior Force Couple in a Dynamic Biomechanical Cadaveric Shoulder Model

AD Mazzocca, BT Elhassan, DP Berthold, E Obopilwe, LN Muench, MC Rupp, S Siebenlist

Program Number: e463

Three-Dimensional Scapular Orientation: A Comparison of Glenohumeral Osteoarthritis and Cuff Tear Arthropathy to the Normal Shoulder

A Jawa, BT Elhassan, DP Swanson, EA Glass, J Kirsch, PAJJ Hart, R Lohre, S Vancleef, TS Polisetty, W Bartels

Program Number: e447

Effect of Implant- and Patient-Related Factors on Risk of Dislocation after Reverse Shoulder Arthroplasty (RSA): A Study by the American Shoulder and Elbow Surgeons Multicenter Complications of RSA Research Group

R Lohre, et al.

## Spine ePosters

Program Number: e499

No Difference Exists in Total Cost of Care Between Orthopaedic Surgeons and Neurosurgeons for Patients Undergoing Primary 1- and 2-Level Decompression and Fusion

B Hammoor, CM Bono, D Tobert, D Bernstein, H Fogel, JP Aidlen, JH Schwab, SH Hershman, TD Cha

## Sports Medicine ePosters

Program Number: e599

Preoperative Differences in Joint Space Width Predict Early Conversion to Total Hip Arthroplasty following Hip Arthroscopy: 5-Year Outcomes

BS Siddiq, CT Eberlin, K Torabian, K Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

Program Number: e600

Concomitant Lumbosacral Spine Pathology is Not a Contraindication for Arthroscopic Hip Preservation Surgery: A Matched Control Study Comparing Mid-Term Outcomes

BS Siddiq, CT Eberlin, K Torabian, K Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

Program Number: e605

Hip Arthroscopy Versus Physical Therapy for the Treatment of Symptomatic Acetabular Labral Tears in Patients Older than 40 Years: A 2-Year Report of a Randomized Controlled Trial

S Siddiq, CT Eberlin, J Lee, K Torabian, K Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov; ZL Laporte

ePoster Presentation  
Monday, February 12  
10:00 AM - 10:30 AM

## eP05-eP08: Practice Management/Rehabilitation ePoster Presentations

Program Number: eP06

Artificial Intelligence in Orthopaedic Surgery: Can a Large Language Model Write a Believable Orthopaedic Journal Article?

A Bhashyam, A Alnasser, AG Von Keudell, DT Brameier, J Carnino, MJ Weaver



## Posters

### Monday

#### Shoulder and Elbow Poster Session 1

Program Number: P086

Low Success Rate of Closed Reductions when Treating Dislocations after Reverse Shoulder Arthroplasty: A Study by the ASES Complications of Reverse Shoulder Arthroplasty Multicenter Research Group

R Lohre, et al.

#### Sports Medicine Poster Session 1

Program Number: P112

Chondrolabral Junction Breakdown Predicts Conversion to Total Hip Arthroplasty after Hip Arthroscopy for Symptomatic Labral Tears: Mean 11-Year Follow Up

CT Eberlin, K Torabian, K Dowley, MC Dean, MP Kucharik, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

#### Trauma Poster Session 1

Program Number: P127

Financial Burden of Orthopaedic Trauma: A Prospective Study

A Bhashyam, A Alnasser, AG Von Keudell, DT Brameier, MJ Weaver

### Wednesday

#### Foot and Ankle Poster Session 2

Program Number: P179

Normal Variations in Lisfranc 3D Weight-Bearing Computed Tomography Assessment and Determining a Threshold for Instability

AF Flaherty, L Bejarano-Pineda, N Ranganathan, S Ashkani Esfahani

#### Hand and Wrist Poster Session 2

Program Number: P181

Incidence of Extensor Pollicis Longus Damage Occurring at the Time of Acute Distal Radius Fracture

A Huang, CL Laane, J Husseini, A Stam, NC Chen, R Balza

#### Musculoskeletal Oncology Poster Session 2

Program Number: P194

Revision of the Katagiri Tumor Histology Grouping for Patients with Metastatic Bone Disease: A Retrospective Study of 495 Patients

AV Karhade, JN Doornberg, JH Schwab, MR Shimizu, OQ Groot, PC Jutte, SA Lozano Calderon, TM De Groot

#### Pediatrics Poster Session 2

Program Number: P198

Identifying Risk Factors and Clinical Indications of Physical Abuse in Children: A Systematic Review

AF Flaherty, AR Lucaciu, K Mirochnik, L Bejarano-Pineda, N Nassour, S Ghandour, S Ashkani Esfahani, MD

#### Shoulder and Elbow Poster Session 2

Program Number: P218

Implant and Patient Factors Predictive of Acromial Stress Fractures after Reverse Shoulder Arthroplasty (RSA): A Study by the ASES Complications of RSA Multicenter Research Group

R Lohre, et al.

#### Trauma Poster Session 2

Program Number: P253

Hawkins Sign of the Talus: The Impact of Patient Factors on Prediction Accuracy

A Srinath, A Aneja, C Mechas, DC Landy, JT Griffin, M Nazal

#### Guest Nation - Chile Posters

Program Number: P270

An International Consensus based on the Delphi Method to Define Failure of Medical Treatment in Pyogenic Spinal Infections

AG Guerrero Olivos, CM Bono, C Diaz-Ledezma, G Camino-Willhuber, J Urrutia

## Poster Tour

### Hand and Wrist

11:30 AM - 12:30 PM

#### **Incidence of Extensor Pollicis Longus Damage Occurring at the Time of Acute Distal Radius Fracture**

A Huang, CL Laane, J Hussein, M Stam, NC Chen, R Balza

### Guest Nation (Chile) II

1:30 PM - 2:30 PM

#### **An International Consensus based on the Delphi Method to Define Failure of Medical Treatment in Pyogenic Spinal Infections**

AG Guerrero Olivos, CM Bono, C Diaz-Ledezma, G Camino-Willhuber; J Urrutia